

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20030001
Agency Interest No. 1906

Mr. William K. Johnson
Vice President, Midstream Resources
CLECO Corporation
PO Box 5000
Pineville, LA 71361-5000

RE: **Part 70 Operating Permit Renewal and Modification, CLECO - Evangeline Power Station**
CLECO Evangeline LLC, St. Landry, Evangeline Parish, Louisiana

Dear Mr. Johnson:

This is to inform you that the permit renewal and modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 0920-00002-V3

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN: rjj
c: EPA Region VI

PUBLIC NOTICE**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**
CLECO EVANGELINE - EVANGELINE POWER STATION**PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL & MODIFICATION, PREVENTION OF
SIGNIFICANT DETERIORATION (PSD) MINOR MODIFICATION, TITLE IV PERMIT RENEWAL, &
CLEAN AIR INTERSTATE RULE (CAIR) INITIAL PERMIT**

The LDEQ, Office of Environmental Services, is accepting written comments on the Part 70 Air Operating Permit Renewal and Modification, Prevention of Significant Deterioration (PSD) Minor Modification, Title IV Permit Renewal, and Clean Air Interstate Rule Initial Permit for CLECO Evangeline LLC, PO Box 70, St. Landry, LA 71367-0070 for the Evangeline Power Station. The facility is located at 2180 St Landry Hwy, St. Landry, Evangeline Parish.

CLECO operates three (3) gas-fired combustion turbines and Heat Recovery Steam Generators (HRSGs) with duct burners at their Evangeline Power Station. Fossil fuels were previously fired in boiler Units 6 and 7 boilers (as well as the existing Unit 5 boiler/steam turbine that had not operated during a 10-year period). Units 6, 7-1 and 7-2 HRSGs each contain duct burners for supplemental firing capability. The HRSGs produce steam to power the existing Units 6 and 7 steam turbines. The steam generated from the Unit 6 HRSG is used to power the existing Unit 6 steam turbine. The steam generated from the Unit 7-1 and 7-2 HRSGs is used to power the existing Unit 7 turbine. The turbines also have the ability to operate in simple-cycle mode in the event that a malfunction occurs with the steam system or HRSGs.

CLECO Evangeline LLC requested a permit renewal. The following changes are also being made in this permit:

- A diesel-fired pump (EQT 09) that was previously classified as an insignificant activity has been reclassified as an emission point due to the applicability of 40 CFR 60 Subpart III,
- Best Achievable Control Technology (BACT) and emission limitations have been updated for periods of startup and shutdown, and
- Ammonia and formaldehyde emissions are being added. Emission limitations for these pollutants were not included in the previous permit.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM ₁₀	238.00	238.05	+0.05
SO ₂	28.10	28.16	+0.06
NO _x	1304.50	1305.14	+0.64
CO	1,478.90	1,479.21	+0.31
VOC	107.10	101.46	-5.64
Ammonia	0.00	30.70	+30.70
Formaldehyde	0.00	1.50	+1.50

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, August 6, 2009.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The application, proposed Part 70 air operating permit, statement of basis, CAIR permit, and Acid Rain Permit are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

Additional copies may be reviewed at the Evangeline Parish Library, Turkey Creek Branch, 13951 Veteran Memorial Highway, Ville Platte, LA 70586.

Inquiries or requests for additional information regarding this permit action should be directed to Rusty J. Jack, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-0513.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmailistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 1906:

Permit Number 0920-00002-V3	Activity Number PER20030001
Permit Number PSD-LA-635(M-2)	Activity Number PER20090001
Permit Number 0920-00002-IV1	Activity Number PER20030004
Permit Number 0920-00002-IR0	Activity Number PER20070003

Scheduled Publication Date: Thursday, July 2, 2009

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Evangeline Power Station
Agency Interest No.: 1906
CLECO Evangeline LLC
St. Landry, Evangeline Parish, Louisiana**

I. Background

CLECO Generation Services LLC operates the Evangeline Power Station, which operates under 0920-00002-V2, issued June 29, 2000. The Evangeline Power Station was formerly known as the Coughlin Power Station, which was an existing "grandfathered", fossil-fuel steam/electric generation facility in St. Landry, Louisiana. The facility also operates under Acid Rain permit, 0920-00002-IV1, issued December 23, 1999 and Prevention of Significant Deterioration (PSD) permit, PSD-LA-635 (M-1), issued December 21, 1999.

This is the Part 70 operating permit renewal for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted on July 3, 2003 requesting a Part 70 operating permit. Additional information dated May 18, 2005, December 7, 2006, April 23, 2009, May 14, 2009, and June 3, 2009 was also received.

III. Description

CLECO operates three (3) gas-fired combustion turbines and Heat Recovery Steam Generators (HRSGs) with duct burners at their Evangeline Power Station. Fossil fuels were previously fired in boiler Units 6 and 7 boilers (as well as the existing Unit 5 boiler/steam turbine that had not operated during a 10-year period). Units 6, 7-1 and 7-2 HRSGs each contain duct burners for supplemental firing capability. The HRSGs produce steam to power the existing Units 6 and 7 steam turbines. The steam generated from the Unit 6 HRSG is used to power the existing Unit 6 steam turbine. The steam generated from the Unit 7-1 and 7-2 HRSGs is used to power the existing Unit 7 turbine. The turbines also have the ability to operate in simple-cycle mode in the event that a malfunction occurs with the steam system or HRSGs.

In addition to this permit renewal, the following changes are being made:

- A diesel-fired pump (EQT 09) that was previously classified as an insignificant activity has been reclassified as an emission point due to the applicability of 40 CFR 60 Subpart III,
- Best Achievable Control Technology (BACT) and emission limitations have been updated for periods of startup and shutdown, and

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Evangeline Power Station
Agency Interest No.: 1906
CLECO Evangeline LLC
St. Landry, Evangeline Parish, Louisiana**

- Ammonia and formaldehyde emissions are being added. Emission limitations for these pollutants were not included in the previous permit.

Estimated emissions, in tons per year, are as follows:

Pollutant	Before	After	Change
PM ₁₀	238.00	238.05	+0.05
SO ₂	28.10	28.16	+0.06
NO _x	1304.50	1305.14	+0.64
CO	1,478.90	1,479.21	+0.31
VOC	107.10	101.46	-5.64

LAC 33:III Chapter 51 Toxic Air Pollutants (TAP)			
Pollutant	Before	After	Change
Ammonia	0.00	30.70	+30.70
Formaldehyde	0.00	1.50	+1.50
Total	0.00	32.20	+32.20

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and Prevention of Significant Deterioration (PSD). National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

The PSD permit is being modified in permit no. PSD-LA-635 (M-2) to include the emissions and updated BACT during startup and shutdown operations at the Evangeline Power Station.

This facility is a major source of toxic air pollutants (TAP) pursuant to LAC 33:III.Chapter 51, however, the facility is exempt from the requirements of Subchapter A per provisions of LAC 33:III.5105.B.2 and 5105.B.3.a. Electric utility steam-generating units are exempt from Chapter 51 in accordance with LAC 33:III.5105.B.2. Emissions from the combustion of

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Evangeline Power Station
Agency Interest No.: 1906
CLECO Evangeline LLC
St. Landry, Evangeline Parish, Louisiana**

Group 1 fossil fuels (natural gas, liquid petroleum gas, distillate fuel oil, gasoline, diesel, and refinery fuel gas) are exempt in accordance with LAC 33:III.5105.B.3.a.

The U.S. Court of Appeals for the D.C. Circuit on December 23, 2008 decided to remand to EPA without vacatur the Clean Air Interstate Rule (CAIR). CAIR remains in effect until it is replaced by a rule that remedies the flaws identified by the court in its July 11, 2008 opinion.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Dispersion Model(s) Used: AERMOD (Screen)

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard
Ammonia	8-hr. average	0.195µg/m ³	640.00µg/m ³

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Evangeline Power Station
Agency Interest No.: 1906
CLECO Evangeline LLC
St. Landry, Evangeline Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.Chapter												40 CFR 60 NSPS			40 CFR 61			40 CFR 63			40 CFR								
		5	6	9	11	13	15	59*	51*	56*	59*	60*	61*	KKKK	III	G6	G6	A	M	YYYY	A	M	YYYY	A	M	YYYY	A	M	YYYY		
UNF 01	Evangeline Power Station	1		1	1	1						2	1	1	1						2	1	1	1	1	1	1	1	1		
SCN 01	6(1)-98 SUSD – Unit 6 Startup/Shutdown					1	1	1						1				1			1	3			3	2					
SCN 02	7-1(1)-98 SUSD – Unit 7-1 Startup/Shutdown					1	1	1						1				1			1	3			3	2					
SCN 03	7-2(1)-98 SUSD – Unit 7-2 Startup/Shutdown					1	1	1						1				1			1	3			3	2					
EQT 02	6(1)-98 – Unit 6 Gas Turbine					1	1	1						1				1			1	3			3	2					
EQT 03	7-1(1)-98 – Unit 7-1 Gas Turbine					1	1	1						1				1			1	3			3	2					
EQT 04	7-2(1)-98 – Unit 7-2 Gas Turbine					1	1	1						1				1			1	3			3	2					
EQT 05	01-03 – Gasoline Containers													3																	
EQT 06	7-1(2)-98 – Unit 7-1 HRSG													3								1									
EQT 07	7-2(2)-98 – Unit 7-2 HRSG													3								1									
EQT 08	6(2)-98 – Unit 6(1) HRSG													3								1									
EQT 09	01-09 – Fire Pump Diesel Engine																														

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Evangeline Power Station
 Agency Interest No.: 1906
 CLECO Evangeline LLC
 St. Landry, Evangeline Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.Chapter					40 CFR 60 NSPS			40 CFR 61			40 CFR 63			40 CFR		
		509	9	11	13	15	59*	A	D	G	KKK	III	G	K	B	D	A	M
FUG 01	14-98 - Natural Gas Emissions																	

* The regulations indicated above are State Only regulations.

- ▲ All LAC 33: III Chapter 5 citations are federally enforceable including LAC 33:III 501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

	The regulations have applicable requirements that apply to this particular emission source.
1	The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
2	The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
3	The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
Blank	The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Evangeline Power Station
 Agency Interest No.: 1906
 CLECO Evangeline LLC
 St. Landry, Evangeline Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No.	Requirement	Notes
UNF 01 Evangeline Power Station	Compliance Assurance Monitoring [40 CFR 64]	EXEMPT. The facility is subject to the provisions of Acid Rain. [40 CFR 64.2(b)(1)(iii)]
EQT 02-04 & SCN 01-03	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.Chapter.51]	EXEMPT. The facility is exempt from the requirements of Subchapter A per provisions of LAC 33:III.5105.B.2 and 5105.B.3.a. Electric utility steam-generating units are exempt from Chapter 51 in accordance with LAC 33:III.5105.B.2. Emissions from the combustion of Group 1 fossil fuels (natural gas, liquid petroleum gas, distillate fuel oil, gasoline, diesel, and refinery fuel gas) are exempt in accordance with LAC 33:III.5105.B.3.a. [LAC 33:III.5101.A.2]
	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A] Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513]	EXEMPT. Units emit less than 250 tons of SO ₂ per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO ₂ standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918.
	National Emission Standard for Hazardous Air Pollutants for Stationary Combustion Turbines [40 CFR 63 Subpart YYYY]	DOES NOT APPLY. Because the Evangeline Power Station is not a major source of air toxics, the turbines are not subject to this subpart. [40 CFR 63.6085(b)]

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Evangeline Power Station
 Agency Interest No.: 1906
CLECO Evangeline LLC
St. Landry, Evangeline Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No.	Requirement	Notes
EQT 02-04 & SCN 01-03 (cont)	Standards of Performance for Stationary Gas Turbine [40 CFR Subpart GG]	CLECO shall use data collected through required Part 75 monitoring to demonstrate compliance with the NO _x emission limits in Subpart GG. The data collection system shall provide all the necessary data to ensure compliance with both the monitoring provisions of 40 CFR Part 75 and emission limits of Subpart GG. [40 CFR 60.334(c)]
	Standards of Performance for Stationary Combustion Turbines [40 CFR 60 Subpart KKKK]	DOES NOT APPLY. The gas turbines were not constructed, modified, or reconstructed after February 18, 2005. [40 CFR 60.4305(a)]
	Compliance Assurance Monitoring [40 CFR 64]	EXEMPT. The turbines are subject to continuous emissions monitoring under the Acid Rain Program, 40 CFR 75. [40 CFR 64.2(b)(iii)]
EQT 05	Storage of Volatile Organic Compounds [LAC 33:III.2 03]	DOES NOT APPLY. Container volumes are less than 250 gallons. [LAC 33:III.2 03.A]
EQT 06 - 08	Emission Standards for Sulfur Dioxide [LAC 33:III.Chapter 15]	DOES NOT APPLY. Units emit less than 5 TPY of SO ₂ .

The above table provides explanation for both the exemption status and non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**CLECO - Evangeline Power Station
Agency Interest No.: 1906
CLECO Midstream Operations
St. Landry, Evangeline Parish, Louisiana**

ATTACHMENT: USE OF FLUE GAS OXYGEN MONITORS AS BACT FOR COMBUSTION CONTROLS

Install a continuous oxygen monitor in the flue of the permitted combustion devices which meet the requirements of 40 CFR 60, Appendix B, Performance Specification 3. A range of excess air and combustion temperature shall be established. The range shall be the oxygen content associated with the NO_x and CO emission rates established in this permit. The range shall be determined such that the appropriate NO_x and CO limits are not exceeded.

The flue gas oxygen content and combustion temperature shall be maintained within this range and alarms shall be set to sound when these parameter are outside of this range. Combustion temperature and oxygen content shall be continuously recorded. These records shall be maintained onsite and available for inspection by the Office of Environmental Compliance.

Should any combustion equipment modifications be made such as different type burners, combustion air relocation, fuel conversion, tube removal or addition, etc., emissions correlations as described above shall be conducted within 60 days of attaining full operations after such modification. Results of all emission determinations shall be sent to the permitting authority within 45 days after completion of the tests.

* A properly installed and calibrated continuous NO_x monitor may be substituted for Method 7E.

General Information

AI ID: 1906 CLECO - Evangeline Power Station
 Activity Number: PER20030001
 Permit Number: 0920-00002-V3
 Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	0920-00002	CLECO - Evangeline Power Station	CDS Number	02-14-2000
LAD034483651		CLECO - Evangeline Power Station	Hazardous Waste Notification	01-25-2000
LA0002879		LPDES #	LPDES Permit #	06-25-2003
LAR05M847		LPDES #	LPDES Permit #	02-26-2002
LAR10F599		LPDES #	LPDES Permit #	04-01-2009
WP1656		LWDPS #	LWDPS Permit #	06-25-2003
1395		ORIS Code	ORIS Code	09-16-2008
		Priority 2 Emergency Site	Priority 2 Emergency Site	07-19-2006
	GD-039-0367	Site ID #	Solid Waste Facility No.	11-21-1999
25843		CLECO Corp - Evangeline Power Station - PKA Coughlin Power Station	TEMPO Merge	11-13-2000
274		CLECO Corp - Coughlin Power Station	TEMPO Merge	11-19-2001
84042		CLECO Evangeline LLC - Evangeline Power Station - PKA Coughlin Power Station	TEMPO Merge	11-13-2000
25843		LA Intrastate Gas - St Landry - CLECO Stop Pil Site	Unknown	10-12-1995
			Main Phone:	3188383133
		Physical Location: 2180 St Landry Hwy St. Landry, LA 71367		
		Mailing Address: PO Box 70 St Landry, LA 713670070		
		Location of Front Gate: 30.844444 latitude, -92.260556 longitude	Coordinate Method: Lat/Long - DMS, Coordinate Datum: NAD83	
		Related People:	Relationship	
		Name	Phone (Type)	
		William Johnson	PO Box 5000 Pineville, LA 713615000	Responsible Official for
		William Johnson	PO Box 5000 Pineville, LA 713615000	Responsible Official for
		Robin B. McQuillin	PO Box 5000 Pineville, LA 713615000	Emission Inventory Contact for
		Robin B. McQuillin	PO Box 5000 Pineville, LA 713615000	Emission Inventory Contact for
		Joe Sepulvado	PO Box 70 St. Landry, LA 713670070	Hazardous Waste Permit Contact for
		Related Organizations:	Relationship	
		Name	Address	
		CLECO Corp - Environmental Services Dept	Environmental Manager PGO6 Pineville, LA 713515000	Air Billing Party for
		CLECO Corp - Environmental Services Dept	Environmental Manager PGO6 Pineville, LA 713515000	Accident Prevention Billing Party for
		CLECO Corp - Environmental Services Dept	Environmental Manager PGO6 Pineville, LA 713515000	Haz. Waste Billing Party for
		CLECO Corp - Environmental Services Dept	Environmental Manager PGO6 Pineville, LA 713515000	Water Billing Party for

General Information

AI ID: 1906 CLECO - Evangeline Power Station
Activity Number: PER20030001
Permit Number: 0920-00002-V3
Air - Title V Regular Permit Renewal

Related Organizations:	Name	Address	Phone (Type)	Relationship
	CLECO Evangeline LLC	PO Box 70 St. Landry, LA 71367		Emission Inventory Billing Party
	CLECO Evangeline LLC	PO Box 70 St. Landry, LA 71367		Owns
	CLECO Generation Services LLC	PO Box 5000 Pineville, LA 713615000		Operates

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEC's TEMPO database for this facility and is not considered a part of the permit.
 Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

ID: 1906 - CLECO - Evangelie Power Station
 Activity Number: PER2003001
 Permit Number: 0920-00002-V3
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Evangelie Power Station						
EQT 0002	6(1)-98 - Unit 6 Gas Turbine		1799 MM BTU/hr	1799 MM BTU/hr	Natural gas	8760 hr/yr
EQT 0003	7-1(1)-98 - Unit 7-1 Gas Turbine		1799 MM BTU/hr	1799 MM BTU/hr	Natural Gas	8760 hr/yr
EQT 0004	7-2(1)-98 - Unit 7-2 Gas Turbine		1799 MM BTU/hr	1799 MM BTU/hr	Natural Gas	8760 hr/yr
EQT 0005	01-03 - Gasoline Containers				gasoline	8760 hr/yr
EQT 0006	7-1(2)-98 - Unit 7-1 Duct Burner			166 MM BTU/hr	Natural Gas	8760 hr/yr
EQT 0007	7-2(2)-98 - Unit 7-2 Duct Burner			166 MM BTU/hr	Natural Gas	8760 hr/yr
EQT 0008	6(2)-98 - Unit 6 Duct Burner			300 MM BTU/hr	Natural Gas	8760 hr/yr
EQT 0009	01-09 - Fire Pump Diesel Engine			150 horsepower	diesel (0.382 MMMBTU/hr)	500 hr/yr
FUG 0001	14-98 - 14-98 Natural Gas Fugitive Emissions					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Evangelie Power Station							
EQT 0002	6(1)-98 - Unit 6 Gas Turbine	100		18		150	200
EQT 0003	7-1(1)-98 - Unit 7-1 Gas Turbine	100		18		150	200
EQT 0004	7-2(1)-98 - Unit 7-2 Gas Turbine	100		18		150	200
EQT 0006	7-1(2)-98 - Unit 7-1 Duct Burner	100		18		150	200
EQT 0007	7-2(2)-98 - Unit 7-2 Duct Burner	100		18		150	200
EOT 0008	6(2)-98 - Unit 6 Duct Burner	100		18		150	200
EOT 0009	01-09 - Fire Pump Diesel Engine	96.6		790	42	13	104.4

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	ACRAIN - Acid Rain Requirements
GRP 0002	Equipment Group	TRB - Gas Turbines
GRP 0003	Equipment Group	CT-DB CAP - Turbines and Duct Burners
SCN 0001	Alternate Operating Scenario	6(1)-98 SUSD - Unit 6 Turbine Startup/Shutdown
SCN 0002	Alternate Operating Scenario	7-1(1)-98 SUSD - Unit 7-1 Turbine Startup/Shutdown
SCN 0003	Alternate Operating Scenario	7-2(1)-98 SUSD - Unit 7-2 Turbine Startup/Shutdown
UNF 0001	Unit or Facility Wide	Facility Wide - Evangelie Power Station

Group Membership:

INVENTORIES

AI ID: 1906 - CLECO - Evangeline Power Station
 Activity Number: PER20030001
 Permit Number: 0920-00002-V3
 Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups
EQT 0002	6(1)-98 - Unit 6 Gas Turbine	CRG0000000001, GRP0000000002, GRN0000000003, SCN0000000001
EQT 0003	7-1(1)-98 - Unit 7-1 Gas Turbine	CRG0000000001, GRP0000000002, GRN0000000003, SCN0000000002
EQT 0004	7-2(1)-98 - Unit 7-2 Gas Turbine	CRG0000000001, GRP0000000002, GRN0000000003, SCN0000000003
EQT 0006	7-1(2)-98 - Unit 7-1 Duct Burner	GRP0000000003
EQT 0007	7-2(2)-98 - Unit 7-2 Duct Burner	GRP0000000003
EQT 0008	6(2)-98 - Unit 6 Duct Burner	GRP0000000003

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multplier	Units Of Measure
1420	1420 C) Electric Power Gen. (Natural Gas Fired) (Rated Capacity)	824	MW

SIC Codes:

4911	Electric services	AI 1906
4911	Electric services	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1906 - CLECO - Evangeline Power Station
 Activity Number: PER20030001
 Permit Number: 0920-00002-V3
 Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Evangeline Power Station															
EQT 0002 6(1)-98	102.00	1225.00	446.80	101.00	181.00	442.40	16.00	16.00	70.10	2.00	8.80	6.50	28.00	28.50	
EQT 0003 7(1)(1)-98	102.00	1225.00	446.80	60.50	181.00	265.40	16.00	16.00	70.10	2.00	8.80	6.50	28.00	28.50	
EQT 0004 7(2)(1)-98	102.00	1225.00	446.80	101.00	181.00	442.40	16.00	16.00	70.10	2.00	8.80	6.50	28.00	28.50	
EQT 0005 01-03													0.030		0.12
EQT 0006 7(1)(2)-98	8.30	8.30	36.40	9.96	16.60	43.60	1.66	1.66	7.30	0.10	0.10	0.10	4.15	4.15	18.20
EQT 0007 7(2)(2)-98	8.30	8.30	36.40	16.60	16.60	72.70	1.66	1.66	7.30	0.10	0.10	0.10	4.15	4.15	18.20
EQT 0008 6(2)-98	15.00	15.00	65.70	30.00	30.00	131.40	3.00	3.00	13.10	1.20	0.20	0.20	7.50	7.50	32.90
EQT 0009 01-09	1.22	1.22	0.31	2.58	2.58	0.64	0.198	0.198	0.05	0.308	0.08	0.08	0.371	0.371	0.09
FUG 0001 14-98													0.150		0.15
GRP 0003 C1-08 CAP							1304.50								101.10
SCN 0001 6(1)-98 SUUSD			2332.00			275.00			32.00		4.00		256.00		
SCN 0002 7(1)(1)-98 SUUSD			2332.00			275.00			32.00		4.00		256.00		
SCN 0003 7(2)(1)-98 SUUSD			2332.00			275.00			32.00		4.00		256.00		

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

Emission Rates Notes:

GRP 0003 NOx Tons/Year

The aggregate annual NOx emissions for all turbines and duct burners shall not exceed this limit.

Which Months: All Year

GRP 0003 VOC Tons/Year

The aggregate annual VOC emissions for all turbines and duct burners shall not exceed this limit.

Which Months: All Year

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1906 - CLECO - Evangeline Power Station

Activity Number: PER20030001

Permit Number: 0920-00002-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0002 6/1/98	Formaldehyde	0.110	0.110	0.50
EQT 0003 7-1(1)-98	Formaldehyde	0.110	0.110	0.50
EQT 0004 7-2(1)-98	Formaldehyde	0.110	0.110	0.50
EQT 0006 7-1(2)-98	Ammonia	2.50	2.50	11.00
EQT 0007 7-2(2)-98	Ammonia	3.50	3.50	15.30
EQT 0008 6/2/98	Ammonia	1.00	1.00	4.40
UNF 0001 Facility-Wide	Ammonia			30.70
	Formaldehyde			1.50

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 1906 - CLECO - Evangeline Power Station
 Activity Number: PER20030001
 Permit Number: 0920-00002-V3
 Air - Title V Regular Permit Renewal

CRG 0001 ACRAIN - Acid Rain Requirements

Group Members: EQT 0002EQT 0003EQT 0004

- 1 [40 CFR 75.10(a)(2)] To determine NOX emissions, install, certify, operate, and maintain in accordance with all the requirements of 40 CFR 75 a NOX-diluent continuous emission monitoring system (consisting of a NOX pollutant concentration monitor and an O2 or CO2 diluent gas monitor) with an automated data acquisition and handling system for measuring and recording NOX concentration (in ppm), O2 or CO2 concentration (in percent O2 or CO2), and NOX emission rate (in lb/mmBtu) discharged to the atmosphere, except as provided in 40 CFR 75.1.2 and 75.1.7 and subpart E of 40 CFR 75. The owner or operator shall account for total NOX emissions, both NO and NO2, either by monitoring for both NO and NO2 or by monitoring for NO only and adjusting the emissions data to account for NO2. [40 CFR 75.10(a)(2)]
- 2 [40 CFR 75.10(a)(3)] Determine CO2 emissions by using one of the options in 40 CFR 75.10(a)(3)(i), (ii), or (iii), except as provided in 40 CFR 75.1.3 and subpart E of 40 CFR 75. [40 CFR 75.10(a)(3)]
- 3 [40 CFR 75.10(b)] The owner or operator shall ensure that each continuous emission monitoring system meets the equipment, installation, and performance specifications in appendix A to 40 CFR 75; and is maintained according to the quality assurance and quality control procedures in appendix B to 40 CFR 75; and shall record SO2 and NOX emissions in the appropriate units of measurement (i.e., lb/hr for SO2 and lb/MM Btu for NOX). [40 CFR 75.10(b)]
- 4 [40 CFR 75.10(c)] The owner or operator shall determine and record the heat input rate, in units of MM Btu/hr, to each affected unit for every hour or part of an hour any fuel is combusted following the procedures in appendix F to 40 CFR 75. [40 CFR 75.10(c)]
- 5 [40 CFR 75.10(d)] The owner or operator shall ensure that all continuous emission and opacity monitoring systems are in operation and monitoring unit emissions or opacity at all times that the affected unit combusts any fuel except as provided in 40 CFR 75.11(e) and during periods of calibration, quality assurance, or preventive maintenance, performed pursuant to 40 CFR 75.21 and appendix B of 40 CFR 75, periods of repair, periods of backups of data from the data acquisition and handling system, or recertification performed pursuant to 40 CFR 75.20. The owner or operator shall also ensure, subject to the aforementioned exceptions, that all continuous opacity monitoring systems are in operation and monitoring opacity during the time following combustion when fans are still operating, unless fan operation is not required to be included under any other applicable Federal or State regulation, or permit. The owner or operator shall ensure that the requirements of 40 CFR 75.10(d)(1), (2), and (3), as applicable, are met. [40 CFR 75.10(d)]
- 6 [40 CFR 75.10(f)] The owner or operator shall ensure that each continuous emission monitoring system is capable of accurately measuring, recording, and reporting data, and shall not incur an exceedance of the full scale range, except as provided in sections 2.1.1.5, 2.1.2.5, and 2.1.4.3 of appendix A to 40 CFR 75. [40 CFR 75.10(f)]
- 7 [40 CFR 75.10(g)] The owner or operator shall record and the designated representative shall report the hourly, daily, quarterly, and annual information collected under the requirements of 40 CFR 75 as specified in subparts F and G of 40 CFR 75. [40 CFR 75.10(g)]
- 8 [40 CFR 75.11(d)(2)] Measure and record SO2 emissions by providing information satisfactory to the Administrator using the applicable procedures specified in Appendix D to 40 CFR 75 for estimating hourly SO2 mass emissions. [40 CFR 75.11(d)(2)]
- 9 [40 CFR 75.] Comply with the applicable provisions of Subpart C-Operation and Maintenance Requirements, Subpart D-Missing Data Substitution Procedures, Subpart F-Recordkeeping Requirements, and Subpart G-Reporting Requirements.
- 10 [LAC 33:III.505] The designated representative shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 75 and Subpart I of 40 CFR 72. [LAC 33:III.505, 40 CFR 72.9(f)(2)]
- 11 [LAC 33:III.505] The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(1)]

SPECIFIC REQUIREMENTS

AI ID: 1906 - CLECO - Evangeline Power Station
 Activity Number: PER20030001
 Permit Number: 0920-00002-V3
 Air - Title V Regular Permit Renewal

CRG 0001 ACRAIN - Acid Rain Requirements

- 12 [LAC 33:III.505]
 Keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.
 1.) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24, provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.
- 2.) All emissions monitoring information, in accordance with 40 CFR 75, provided that to the extent that part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
- 3.) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.c
- 4.) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program. [LAC 33:III.505, 40 CFR 72.9(f)(1)]

The owners and operators shall hold allowances, as of the allowance transfer deadline, in the source's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the source and comply with the applicable Acid Rain emissions limitation for sulfur dioxide. [LAC 33:III.505, 40 CFR 72.9(c)(1)]
 An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1), prior to the calendar year for which the allowance was allocated. [LAC 33:III.505, 40 CFR 72.9(c)(5)]
 The designated representative shall submit a complete Acid Rain permit application (including a compliance plan) in accordance with the deadlines specified in 40 CFR 72.30, a complete reduced utilization plan if required under 40 CFR 72.43, and any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit. [LAC 33:III.505, 40 CFR 72.9(a)(1)]
 The owners and operators of an affected source that has excess emissions in any calendar year shall pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR 77, and comply with the terms of an approved offset plan, as required by 40 CFR 77. [LAC 33:III.505, 40 CFR 72.9(e)(2)]

- Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority, and have an Acid Rain Permit. [LAC 33:III.505, 40 CFR 72.9(a)(2)]
- Comply with the monitoring requirements as provided in 40 CFR 75. [LAC 33:III.505, 40 CFR 72.9(a)(2)]

EQT 0006 7-1(2)-98 - Unit 7-1 Duct Burner

- 19 [40 CFR 60.44b]
 Nitrogen oxides <= 0.20 lb/MMBTU (86 ng/J) heat input (expressed as NO₂), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. (FOR DUCT BURNERS ONLY) Subpart Db.
- Which Months: All Year Statistical Basis: Thirty-day rolling average
 Conduct the performance tests required under 40 CFR 60.8 for demonstrating compliance with the sulfur dioxide standards using the test methods and procedures specified in 40 CFR 60 Appendix A, or in 40 CFR 60.45b, except as provided in 40 CFR 60.8(b). Subpart Db. [40 CFR 60.45b(b)]
 Determine compliance with the NO_x standards in 40 CFR 60.44b through performance testing under 40 CFR 60.46b(e) or (f), or under 40 CFR 60.46b(g) or (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]

SPECIFIC REQUIREMENTS

AI ID: 1906 - CLECO - Evangeline Power Station
 Activity Number: PER20030001
 Permit Number: 0920-00002-V3
 Air - Title V Regular Permit Renewal

EQT 0006 7-1(2)-98 - Unit 7-1 Duct Burner

22 [40 CFR 60.48b(b)(2)]

Use the NO_x continuous emission monitoring system, installed to comply with 40 CFR 75, to meet the requirements of 40 CFR 60.44b, except as provided in 40 CFR 60.48b(e), (h), and (i). Also meet the requirements of 40 CFR 60.49b. Do not include data substituted using the missing data procedures in 40 CFR 75 Subpart D in data reported to meet the requirements of 40 CFR 60.49b. Do not bias adjust the data according to the procedure in 40 CFR 75. Subpart Db. [40 CFR 60.48b(b)(2)]

23 [40 CFR 60.48b(c)]

Operate NO_x continuous monitoring systems and record data during all periods of operation except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)] Follow the procedures under 40 CFR 60.1.3 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NO_x and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]

24 [40 CFR 60.48b(c)]

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]

25 [40 CFR 60.48b(f)]

Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]

26 [40 CFR 60.49b(a)]

Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]

27 [40 CFR 60.49b(b)]

Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]

28 [40 CFR 60.49b(d)]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]

29 [40 CFR 60.49b(g)]

Submit excess emissions report: Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]

30 [40 CFR 60.49b(h)]

Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)] Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]

EQT 0007 7-2(2)-98 - Unit 7-2 Duct Burner

33 [40 CFR 60.44b]

Nitrogen oxides <= 0.20 lb/MMBTU (86 ng/J) heat input (expressed as NO₂), except as provided in 40 CFR 60.44b(k). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db.

Which Months: All Year Statistical Basis: Thirty-day rolling average

Conduct the performance tests required under 40 CFR 60.8 for demonstrating compliance with the sulfur dioxide standards using the test methods and procedures specified in 40 CFR 60 Appendix A, or in 40 CFR 60.45b, except as provided in 40 CFR 60.8(b). Subpart Db. [40 CFR 60.45b(b)]

SPECIFIC REQUIREMENTS

AI ID: 1906 - CLECO - Evangeline Power Station
Activity Number: PER20030001
Permit Number: 0920-00002-V3
Air - Title V Regular Permit Renewal

EQT 0007 7-2(2)-98 - Unit 7-2 Duct Burner

- 35 [40 CFR 60.46b(c)] Determine compliance with the NO_x standards in 40 CFR 60.44b through performance testing under 40 CFR 60.46b(e) or (f), or under 40 CFR 60.46b(g) or (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]
- 36 [40 CFR 60.48b(b)(2)] Use the NO_x continuous emission monitoring system, installed to comply with 40 CFR 75, to meet the requirements of 40 CFR 60.44b, except as provided in 40 CFR 60.48b(g), (h), and (i). Also meet the requirements of 40 CFR 60.49b. Do not include data substituted using the missing data procedures in 40 CFR 75. Subpart D in data reported to meet the requirements of 40 CFR 60.49b. Do not bias adjust the data according to the procedure in 40 CFR 75. Subpart Db. [40 CFR 60.48b(b)(2)]
- 37 [40 CFR 60.48b(c)] Operate NO_x continuous monitoring systems and record data during all periods of operation except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)]
- 38 [40 CFR 60.48b(e)] Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NO_x and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]
- 39 [40 CFR 60.48b(f)] When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]
- 40 [40 CFR 60.49b(a)] Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]
- 41 [40 CFR 60.49b(b)] Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]
- 42 [40 CFR 60.49b(d)] Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]
- 43 [40 CFR 60.49b(g)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]
- 44 [40 CFR 60.49b(h)] Submit excess emissions report: Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]
- 45 [40 CFR 60.49b(i)] Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]
- 46 [40 CFR 60.49b(o)] Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]

EQT 0008 6(2)-98 - Unit 6 Duct Burner

- 47 [40 CFR 60.42Da(a)(1)] Particulate matter (10 microns or less) <= 0.03 lb/MMBTU (13 ng/J) heat input. Subpart Da. [40 CFR 60.42Da(a)(1)]
- 48 [40 CFR 60.42Da(b)] Which Months: All Year Statistical Basis: None specified
Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. Subpart Da. [40 CFR 60.42Da(b)]

SPECIFIC REQUIREMENTS

AI ID: 1906 - CLECO - Evangeline Power Station
Activity Number: PER20030001
Permit Number: 0920-00002-V3
Air - Title V Regular Permit Renewal

EQT 0008 6(2)-98 - Unit 6 Duct Burner

- 49 [40 CFR 60.43Da]
Sulfur dioxide <= 0.80 lb/MMBTU (340 ng/J) heat input Subpart Da.
Which Months: All Year Statistical Basis: Thirty-day rolling average
- 50 [40 CFR 60.44Da]
Nitrogen oxides <= 0.20 lb/MMBTU (86 ng/J) heat input Subpart Da.
Which Months: All Year Statistical Basis: Thirty-day rolling average
- 51 [40 CFR 60.47Da(a)]
Apply to DEQ for a commercial demonstration permit when proposing to demonstrate an emerging technology. Subpart Da. [40 CFR 60.47Da(a)]
- 52 [40 CFR 60.48Da(c)]
Comply with the nitrogen oxides emission standards under 40 CFR 60.44Da at all times except during periods of startup, shutdown, and malfunction Subpart Da. [40 CFR 60.48Da(c)]
- 53 [40 CFR 60.48Da(c)]
Comply with the particulate matter emission standards under 40 CFR 60.42Da at all times except during periods of startup, shutdown, or malfunction. Subpart Da. [40 CFR 60.48Da(c)]
- 54 [40 CFR 60.48Da(c)]
Show compliance with the sulfur dioxide standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate and percent reduction. Subpart Da. [40 CFR 60.48Da(e)]
- 55 [40 CFR 60.48Da(e)]
Show compliance with the nitrogen oxides standards by completing a separate performance test at the end of each boiler operating day after the initial performance test, and calculating a new 30-day average emission rate. Subpart Da. [40 CFR 60.48Da(e)]
- 56 [40 CFR 60.48Da(n)]
Schedule the initial performance test so that the first boiler operating day of the 30 successive boiler operating days is completed within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of the facility. Subpart Da. [40 CFR 60.48Da(f)]
- 57 [40 CFR 60.48Da(g)(1)]
Determine compliance with the SO₂ and NO_x emission standards by calculating the arithmetic average of all hourly emission rates for SO₂ and NO_x for the 30 successive boiler operating days, except for data obtained during startup, shutdown, malfunction (NO_x only), or emergency conditions (SO₂ only). Subpart Da. [40 CFR 60.48Da(g)(1)]
- 58 [40 CFR 60.48Da(g)(3)]
Determine compliance with particulate matter emission limitations by calculating the arithmetic average of all hourly emission rates for particulate matter each boiler operating day, except for data obtained during startup, shutdown, and malfunction. Subpart Da. [40 CFR 60.48Da(g)(3)]
- 59 [40 CFR 60.48Da(i)]
Calculate NO_x emissions as 1.194×10^{-7} lb/scf-ppm times the average hourly NO_x output concentration in ppm (measured according to the provisions of 40 CFR 60.49Da(c)), times the average hourly flow rate (measured is scfh, according to the provisions of 40 CFR 60.49Da(l) or 60.49Da(m)), divided by the average hourly gross energy output (measured according to the provisions of 40 CFR 60.49Da(k)). Alternatively, for oil-fired and gas-fired units, NO_x emissions may be calculated by multiplying the average hourly NO_x emission rate in lb/MMBtu (measured by the CEMS required under 40 CFR 60.49Da(c) and (d)), by the hourly heat input rate (measured according to the provisions of 40 CFR 60.49Da(n)) and dividing by the result by the average gross energy output (measured according to the provisions of 40 CFR 60.49Da(k)). Subpart Da. [40 CFR 60.48Da(i)]
- Oxygen or Carbon dioxide monitored by CMS continuously. Monitor the oxygen or carbon dioxide content of the flue gases at each location where sulfur dioxide or nitrogen oxides emissions are monitored. Subpart Da. [40 CFR 60.49Da(d)]
- 60 [40 CFR 60.49Da(d)]
Which Months: All Year Statistical Basis: One-hour average
Oxygen or Carbon dioxide recordkeeping by electronic or hard copy continuously. Record the oxygen or carbon dioxide content of the flue gases at each location where sulfur dioxide or nitrogen oxides emissions are monitored. Subpart Da. [40 CFR 60.49Da(d)]

SPECIFIC REQUIREMENTS

AI ID: 1906 - CLECO - Evangeline Power Station
Activity Number: PER20030001
Permit Number: 0920-00002-V3
Air - Title V Regular Permit Renewal

EQT 0008 6(2)-98 - Unit 6 Duct Burner

- 62 [40 CFR 60.49Da(f)(1)] Obtain emission data for at least 18 hours in at least 22 out of 30 successive boiler operating days. If this minimum data requirement cannot be met with a continuous monitoring system, supplement emission data with other monitoring systems approved by DEQ or the reference methods and procedures as described in 40 CFR 60.49Da(h). Subpart Da. [40 CFR 60.49Da(f)(1)]
- 63 [40 CFR 60.49Da(s)] Submit plan: Due to DEQ for approval of a unit-specific monitoring plan for each monitoring system, at least 45 days before commencing certification testing of the monitoring systems. Address in the plan the requirements in 40 CFR 60.49Da(s)(1) through (6). Subpart Da. [40 CFR 60.49Da(s)]
- 64 [40 CFR 60.50Da(a)] Use as reference methods and procedures the methods specified in 40 CFR 60Da, Appendix A or the methods and procedures as specified in 40 CFR 60.50Da, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart Da. [40 CFR 60.50Da(a)]
- 65 [40 CFR 60.50Da(b)] Determine compliance with the particulate matter standards in 40 CFR 60.42Da using the methods and procedures specified in 40 CFR 60.50Da(b)(1) through (b)(3). Subpart Da. [40 CFR 60.50Da(b)]
- 66 [40 CFR 60.50Da(c)] Determine compliance with the sulfur dioxide standards in 40 CFR 60.43Da using the methods and procedures specified in 40 CFR 60.50Da(c)(1) through (c)(5). Subpart Da. [40 CFR 60.50Da(c)]
- 67 [40 CFR 60.50Da(d)] Determine compliance with the nitrogen oxides standard in 40 CFR 60.44Da using the methods and procedures specified in 40 CFR 60.50Da(d)(1) and (d)(2). Subpart Da. [40 CFR 60.50Da(d)]
- 68 [40 CFR 60.51Da(a)] Submit the performance test data from the initial performance test and subsequent performance test and from the performance evaluation of the continuous monitors (including the transmissometer). Subpart Da. [40 CFR 60.51Da(a)]
- 69 [40 CFR 60.51Da(b)] Submit report: Due semiannually for each six-month period. Submit the information specified in 40 CFR 60.51Da(b)(1) through (b)(9) for each 24-hour period. Subpart Da. [40 CFR 60.51Da(b)]
- 70 [40 CFR 60.51Da(c)] Submit report: Due semiannually for each six-month period. If the minimum quantity of emission data as required by 40 CFR 60.49Da is not obtained for any 30 successive boiler operating days, report the information specified in 40 CFR 60.51Da(c)(1) through (c)(5), obtained under the requirements of 40 CFR 60.48Da(h), for that 30-day period. Subpart Da. [40 CFR 60.51Da(c)]
- 71 [40 CFR 60.51Da(d)] Submit a signed statement if any standards under 40 CFR 60.43Da are exceeded during emergency conditions because of control system malfunction. Indicate if emergency conditions existed and requirements under 40 CFR 60.48Da(d) were met during each period. List the time periods the emergency condition existed; the electrical output and demand on the electric utility system and the affected facility; the amount of power purchased from interconnected neighboring utility companies during the emergency period; the percent reduction in emissions achieved; the atmospheric emission rate (ng/J) of the pollutant discharged; and the actions taken to correct control system malfunction. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(d)]
- 72 [40 CFR 60.51Da(f)] Submit a signed statement indicating if any changes were made in operation of the emission control system during periods of data unavailability, for any periods for which opacity, sulfur dioxide or nitrogen oxides emissions data are not available. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(f)]
- 73 [40 CFR 60.51Da(h)] Submit a signed statement indicating whether the required continuous monitoring system calibration, span, and drift checks or other periodic audits have or have not been performed as specified; the data used to show compliance was or was not obtained in accordance with approved methods and procedures of 40 CFR 60 and is representative of plant performance; the minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable; and compliance with the standards has or has not been achieved during the reporting period. Submit semiannually for each six-month period. Subpart Da. [40 CFR 60.51Da(h)]

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EQT 0008 6(2)-98 - Unit 6 Duct Burner

74 [40 CFR 60.51 Da(i)] Submit excess emissions report: Due quarterly. Submit opacity levels in excess of the applicable opacity standard and the date of such excesses.
 Subpart Da. [40 CFR 60.51 Da(i)]

EQT 0009 01-09 - Fire Pump Diesel Engine

- 75 [40 CFR 60.4205(c)] Carbon monoxide <= 3.7 g/BHP-hr (5.0 g/KW-hr). Subpart III. [40 CFR 60.4205(c)]
 Which Months: All Year Statistical Basis: None specified
- 76 [40 CFR 60.4205(c)] Non-methane hydrocarbons plus Nitrogen oxides <= 7.8 g/BHP-hr (10.5 g/KW-hr). Subpart III. [40 CFR 60.4205(c)]
 Which Months: All Year Statistical Basis: None specified
- 77 [40 CFR 60.4205(c)] Particulate matter (10 microns or less) <= 0.60 g/BHP-hr (0.80 g/KW-hr). Subpart III. [40 CFR 60.4205(c)]
 Which Months: All Year Statistical Basis: None specified
- 78 [40 CFR 60.4206] Operate and maintain stationary CI ICE according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine. Subpart III.
- 79 [40 CFR 60.4207(a)] Beginning October 1, 2007, use diesel fuel that meets the requirements of 40 CFR 80.510(a). Subpart III. [40 CFR 60.4207(a)]
- 80 [40 CFR 60.4207(b)] Beginning October 1, 2010, use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. Subpart III. [40 CFR 60.4207(b)]
- 81 [40 CFR 60.4209(a)] Operating time monitored by hour/time monitor continuously during operation. Install a non-resettable hour meter prior to startup of the engine. Subpart III. [40 CFR 60.4209(a)]
 Which Months: All Year Statistical Basis: None specified
- 82 [40 CFR 60.4211(a)] Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, only change those settings that are permitted by the manufacturer. Also meet the requirements of 40 CFR 89, 94 and/or 1068, as applicable. Subpart III. [40 CFR 60.4211(a)] Demonstrate compliance according to one of the methods specified in 40 CFR 60.4211(b)(1) through (b)(5). Subpart III. [40 CFR 60.4211(b)]
- 83 [40 CFR 60.4211(b)] Conduct performance tests according to 40 CFR 60.4212(a) through (d). Subpart III.
- 84 [40 CFR 60.4212] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
- 85 [LAC 33.III.110.I.B] Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 86 [LAC 33.III.131.I.C] Which Months: All Year Statistical Basis: Six-minute average

GRP 0002 TRB - Gas Turbines

Group Members: EQT 0002 EQT 0003 EQT 0004

SPECIFIC REQUIREMENTS

AID: 1906 - CLECO - Evangeline Power Station
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Permit Number: 0920-00002-V3
Air - Title V Regular Permit Renewal

GRP 0002 TRB - Gas Turbines

- 87 [40 CFR 60.332(a)(1)] Nitrogen oxides <= 0.0075 % by volume at 15% oxygen and on a dry basis in gases discharged to the atmosphere. Use analytical methods and procedures that are accurate to within 5 percent and are approved by DEQ to determine the nitrogen content of the fuel being fired per 40 CFR 60.335(a). Subpart GG. [40 CFR 60.332(a)(1)]
 Which Months: All Year Statistical Basis: None specified
 Fuel sulfur content <= 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)]
- 88 [40 CFR 60.333(b)] Which Months: All Year Statistical Basis: None specified
 Fuel sulfur content monitored by the regulation's specified method(s) at the regulation's specified frequency, except as specified in 40 CFR 60.334(h)(3). Monitor the total sulfur content of the fuel being fired in the turbine using total sulfur methods described in 40 CFR 60.335(b)(10). Subpart GG. [40 CFR 60.334(h)(1)]
- 89 [40 CFR 60.334(n)(1)] Which Months: All Year Statistical Basis: None specified
 Fuel nitrogen content monitored by the regulation's specified method(s) at the regulation's specified frequency. Monitor the nitrogen content of the fuel combusted in the turbine, if claiming an allowance for fuel bound nitrogen. Determine the nitrogen content of the fuel using methods described in 40 CFR 60.335(b)(9) or an approved alternative. The NO_x-diluent continuous emissions monitoring system required by 40 CFR 75 shall be used to comply with the fuel nitrogen monitoring provisions of Subpart GG. Subpart GG. [40 CFR 60.334(h)(2)]
- 90 [40 CFR 60.334(n)(2)] Which Months: All Year Statistical Basis: None specified
 Submit quarterly excess emissions report: Due by the 30th day following the end of each calendar quarter. Report periods during which an exemption provided in 40 CFR 60.332(f) is in effect. Report the date and time the air pollution control system was deactivated, and the date and time the air pollution control system was reactivated. Subpart GG. [40 CFR 60.334(j)(3)]
 Submit excess emissions reports and monitor downtime in accordance with 40 CFR 60.7(c). Report excess emissions for all periods of unit operation, including startup, shutdown and malfunction. Subpart GG. [40 CFR 60.334(j)]
 Determine compliance using the test methods and procedures specified in 40 CFR 60.335(a) through (c). Subpart GG.
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 91 [40 CFR 60.334(j)(3)]
- 92 [40 CFR 60.334(j)]
- 93 [40 CFR 60.335]
- 94 [LAC 33:III.1513.C]

GRP 0003 CT-DB CAP - Turbines and Duct Burners

- Group Members: EQT 0002EQT 0003EQT 0004EQT 0006EQT 0007EQT 0008
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
 Nitrogen oxides <= 1304.50 tons/yr. Noncompliance with this limitation is a reportable violation of this permit. Notify the Office of Environmental Compliance, Enforcement Division if the total NO_x emissions exceeds the maximum listed in this specific condition for any twelve consecutive month period.
 Which Months: All Year Statistical Basis: Twelve-month rolling average (rolling 1-month basis)
 VOC, Total <= 101.10 tons/yr Noncompliance with this limitation is a reportable violation of this permit. Notify the Office of Environmental Compliance, Enforcement Division if the total VOC emissions exceeds the maximum listed in this specific condition for any twelve consecutive month period.
 Which Months: All Year Statistical Basis: Twelve-month rolling average (rolling 1-month basis)

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AI ID: 1906 - CLECO - Evangeline Power Station
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GRP 0003 CT-DB CAP - Turbines and Duct Burners

- 98 [LAC 33:III.507.H.1.a] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBTu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
- 99 [LAC 33:III.507.H.1.a] Conduct a performance/emissions test. Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. Within 18 months of testing a unit, perform a test of a second unit and then within 18 months of that test, perform a test of the last unit. Each unit will then be tested at the five year, plus or minus 6 months interval thereafter. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.P
- Test emissions from all gas turbines and duct burners.□
- The gas turbines shall be tested without the duct burners, and then the gas turbines shall be tested with the duct burners. Emissions from the duct burners shall be calculated from the difference between the tests.
- Install and operate a continuous flue gas oxygen monitor in accordance with the attachment to this permit entitled "Use of Flue Gas Oxygen Monitor as BACT for Combustion Controls" for all turbines and duct burners.
- Nitrogen oxides: Calculate the total NOx emissions each month using a technically sound method, as well as the total NOx emissions for the last twelve consecutive month.
- Nitrogen oxides : Submit report: Due annually, by the 15th of February. The report shall include the total NOx emissions for the preceding calendar year.
- Nitrogen oxides recordkeeping by electronic or hard copy monthly. Keep records of the total NOx emission each month, as well as the total emissions for the last twelve consecutive months. These records shall be kept onsite and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- VOC, Total recordkeeping by electronic or hard copy continuously. Calculated emissions of VOC shall be recorded each month, as well as the total emissions of VOC for the last twelve months. Make records available for inspection by the Office of Environmental Compliance, Surveillance Division.
- Particulate matter (10 microns or less) <= 0.01 lb/MMBTU with clean natural gas as fuel. This limit without any controls shall be BACT for the turbines and duct burners. This limit also applies when the turbines operate without the duct burners. [From PSD-LA-635 (M-2)].
- Which Months: All Year Statistical Basis: None specified
- Carbon monoxide <= 25 ppm @ 15%O₂ with natural gas as fuel. This limit in conjunction with good combustion practices shall be BACT for CO. [From PSD-LA-635 (M-2)].
- Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

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GRP 0003 CT-DB CAP - Turbines and Duct Burners

- 108 [LAC 33:III.509] VOC, Total \leq 3 ppm @ 15%O₂ with natural gas as fuel. This limit in conjunction with good combustion practices shall be BACT for VOC at loads greater than 75%. [From PSD-LA-635 (M-2)].
 Which Months: All Year Statistical Basis: Maximum
- 109 [LAC 33:III.509] VOC, Total \leq 20 ppm @ 15%O₂ with natural gas as fuel. This limit in conjunction with good combustion practices shall be BACT for VOC at 50 to 75% load. [From PSD-LA-635 (M-2)].
 Which Months: All Year Statistical Basis: Maximum

SCN 0001 6(1)-98 SUSD - Unit 6 Turbine Startup/Shutdown

Group Members: EQT 0002

- 110 [LAC 33:III.509] BACT for PM10 and CO during periods of startup and shutdown (defined as 60% of turbine load) shall be good combustion practices, proper operating and maintenance practices, good design, and combustion of clean natural gas.
- BACT for VOC shall be 20 ppmv at 15% oxygen using natural gas as fuel (within 50 to 60% of turbine load) and good combustion practices, proper operating and maintenance practices, good design, and combustion of clean natural gas (for turbine loads less than 50%). [From PSD-LA-635(M-2)].

SCN 0002 7-1(1)-98 SUSD - Unit 7-1 Turbine Startup/Shutdown

Group Members: EQT 0002

- 111 [LAC 33:III.509] BACT for PM10 and CO during periods of startup and shutdown (defined as 60% of turbine load) shall be good combustion practices, proper operating and maintenance practices, good design, and combustion of clean natural gas.
- BACT for VOC shall be 20 ppmv at 15% oxygen using natural gas as fuel (within 50 to 60% of turbine load) and good combustion practices, proper operating and maintenance practices, good design, and combustion of clean natural gas (for turbine loads less than 50%). [From PSD-LA-635(M-2)].

SCN 0003 7-2(1)-98 SUSD - Unit 7-2 Turbine Startup/Shutdown

Group Members: EQT 0004

- 112 [LAC 33:III.509] BACT for PM10 and CO during periods of startup and shutdown (defined as 60% of turbine load) shall be good combustion practices, proper operating and maintenance practices, good design, and combustion of clean natural gas.
- BACT for VOC shall be 20 ppmv at 15% oxygen using natural gas as fuel (within 50 to 60% of turbine load) and good combustion practices, proper operating and maintenance practices, good design, and combustion of clean natural gas (for turbine loads less than 50%). [From PSD-LA-635(M-2)].

SPECIFIC REQUIREMENTS

AI ID: 1906 - CLECO - Evangeline Power Station
Activity Number: PER20030001
Permit Number: 0920-000002-V3
Air - Title V Regular Permit Renewal

UNF 0001 Facility Wide - Evangeline Power Station

- 113 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
- 114 [40 CFR 70.5(a)(1)(iii)] Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 115 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 116 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 117 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 118 [40 CFR 72.9(c)(1)(i)] Cleco Corporation's Evangeline Power Station shall secure one allowance for each ton of SO2 emitted per year. At the end of the year, each used allowance is retired and cannot be used again. EPA will record allowance transfers that are used for compliance and ensure that Evangeline Power Station's emissions do not exceed the number of allowances it holds via the Allowance Tracking System (ATS). See Subparts C & D of part 73. [40 CFR 72.9(c)(1)(i)]
- 119 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111
- 120 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 121 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 122 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 123 [LAC 33:III.506.A] Comply with LAC 33:III.506 Clean Air Interstate Rule (CAIR) requirements and all provisions of the CAIR NOx Federal Implementation Plan (FIP) 40 CFR Part 97, Subparts AA-HH, except for 40 CFR 97.141 and 97.142. [LAC 33:III.506.A, 40 CFR 97.4]
- 124 [LAC 33:III.509] Comply with the requirements of PSD-LA-635 (M-2). This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-635 (M-2).
- 125 [LAC 33:III.535] Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- 126 [LAC 33:III.5609.A.1.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert.

SPECIFIC REQUIREMENTS

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UNF 0001 Facility-Wide - Evangeline Power Station

- 127 [LAC 33:III.5609.A.2.b] Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.
- 128 [LAC 33:III.5609.A.3.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.
- 129 [LAC 33:III.5609.A] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.
- 130 [LAC 33:III.5901.A] Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.
- 131 [LAC 33:III.5907] Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
- 132 [LAC 33:III.5911.A] Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
- 133 [LAC 33:III.5911.C] Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Office of Environmental Compliance.
- 134 [LAC 33:III.919.D] Submit amended registration: Due to the Office of Environmental Compliance within 60 days after the information in the submitted registration is no longer accurate.
- 135 [LAC 33:III.919.E] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment.
- 136 [LAC 33:III.919.F] Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.